

Amendments to the Claims

This listing of claim will replace all prior versions and listings of claim in the application.

1.-79. (canceled)

80. (Currently amended) A synchronizer system including a first synchronizer provided on a network coupled processing device comprising:

computer code, implemented on a processing device, for comparing at least one file on the device and a record of the file on the device, and providing binary differencing data between the file and the record of the file; and

a transaction generator, implemented on a processing device, providing at least one binary difference transaction including said binary differencing data and at least one data field type to an output for forwarding to a network coupled storage server, the server using the binary differencing data to synchronize at least one other network coupled processing device.

81. (Currently amended) The synchronizer system of claim 80 wherein the output is coupled to a network, and the first synchronizer is coupled to at least one the storage server via the network, the storage server receiving said binary difference transaction from said first synchronizer.

82. (currently amended) The synchronizer system of claim 81 wherein the first synchronizer receives at least one binary difference transaction from the storage server, and further including computer code for applying the received binary difference transaction to the at least one file on the at least one other network coupled processing device.

83. (currently amended) The synchronizer system of claim 82 wherein the first synchronizer includes code for updating a record of the file on the at least one other network coupled processing device subsequent to applying the received binary difference transaction.

84. (previously presented) The synchronizer system of claim 80 wherein the output is coupled to a second synchronizer and the binary difference transaction is provided to said second synchronizer.

85. (previously presented) The synchronizer system of claim 84 wherein the second synchronizer is on said at least one other network coupled processing device.

86. (previously presented) The synchronizer system of claim 84 wherein the second synchronizer is coupled to a network, and the output of the transaction generator is coupled to the network and the second synchronizer.

87. (Currently amended) The synchronizer system of claim 84 wherein the output is coupled to a network and the first synchronizer is coupled to ~~at least one~~ the storage server via the network receiving said binary difference transaction from said first synchronizer via the network, and the second synchronizer is coupled to the storage server.

88. (previously presented) The synchronizer system of claim 80 wherein the first synchronizer further includes an encryption routine encrypting the binary difference transaction.

89. (currently amended) The first synchronizer system of claim 80 wherein the synchronizer further includes a compression routine.

90. (canceled)

91. – 108. (canceled)

109. (currently amended) A synchronizer provided on a network coupled server, comprising:

computer code, implemented on a processing device, for comparing at least one file on a network coupled device in communication with the network coupled server and extracting binary differencing data representing the difference between the file and a record of the file; and

a transaction generator, implemented on a processing device, providing at least one transaction including said binary differencing data and at least one data field type to an output of the network coupled server.

110. (previously presented) The synchronizer of claim 109 wherein the record of the file is provided on the network coupled device.

111. (previously presented) The synchronizer of claim 109 wherein the record of the file is provided on the network coupled server.

112. (previously presented) The synchronizer of claim 109 wherein the record of the file is a previous version in time of the file.

113. (previously presented) The synchronizer of claim 109 wherein the synchronizer further includes application code to modify a second version of the file by applying said binary differencing data to the second version of the file.

114. (previously presented) The synchronizer of claim 113 wherein the second version of the file is on a second network coupled device.

115. (previously presented) The synchronizer of claim 113 wherein the second version of the file is on the network coupled server.

116. (currently amended) A binary differencing synchronization system, comprising:
at least a first binary differencing engine coupled to a first network coupled device;
at least a second binary differencing engine coupled to a second network coupled
device; and
a storage device coupled to the first and the second network coupled devices storing
binary differencing data and at least one data field type from, and outputting binary
differencing data and at least one data field type to, said at least first and second binary
differencing engines.